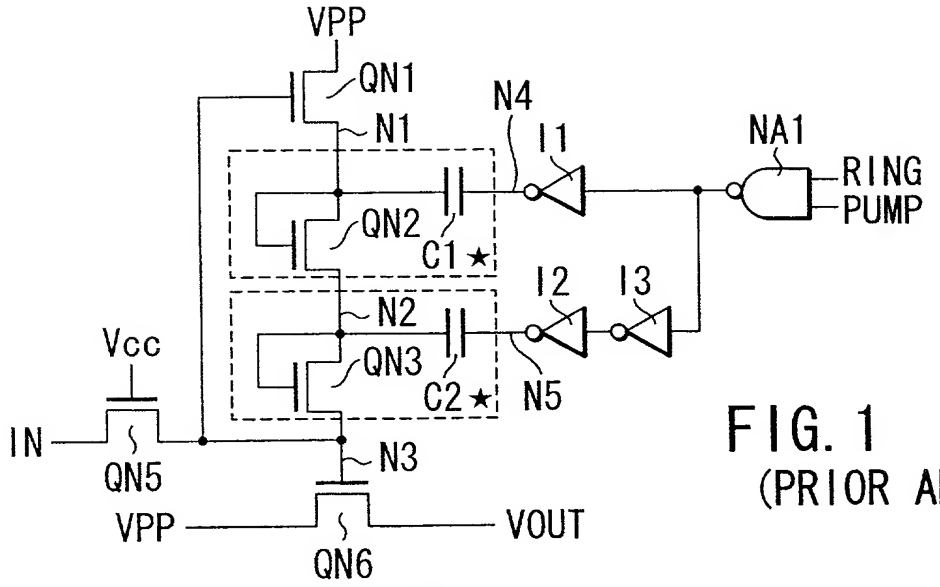


FIG. 1
(PRIOR ART)

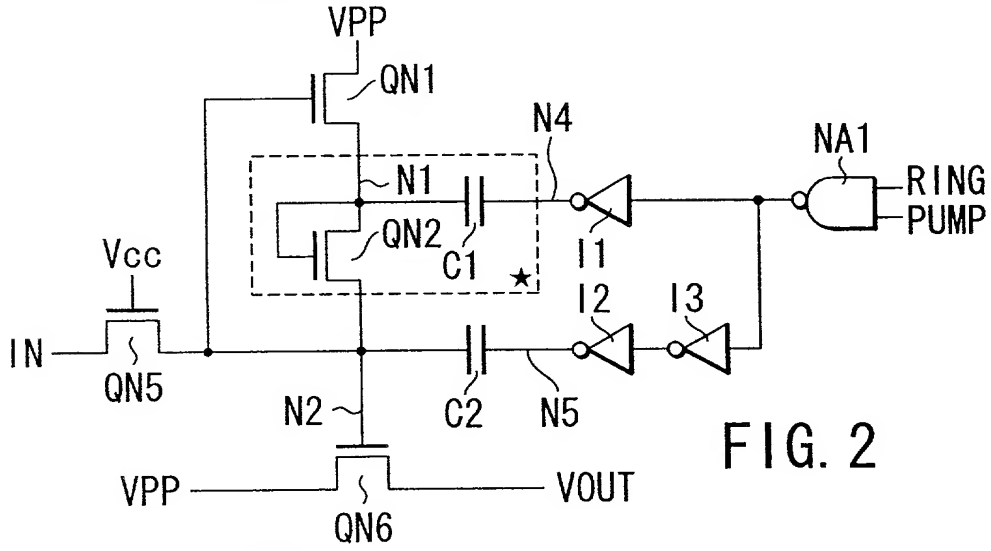


FIG. 2

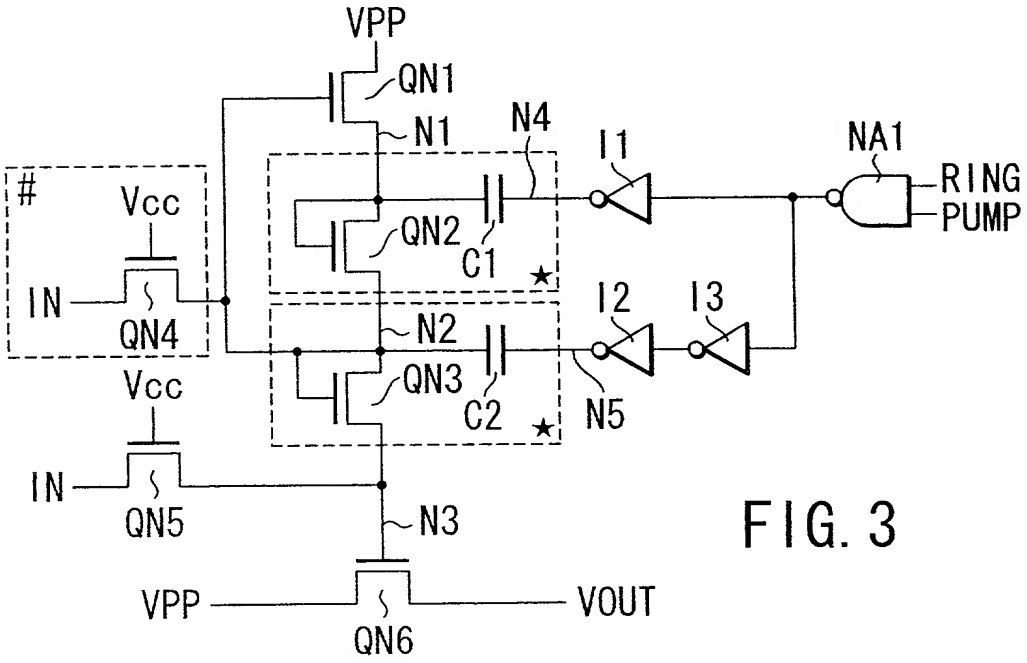


FIG. 3

FIG. 4

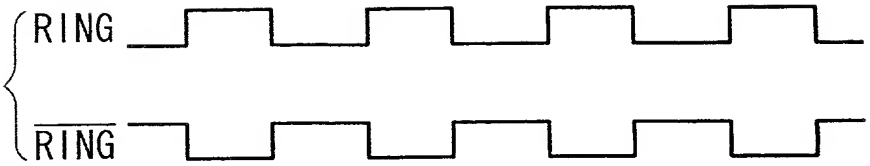


FIG. 5

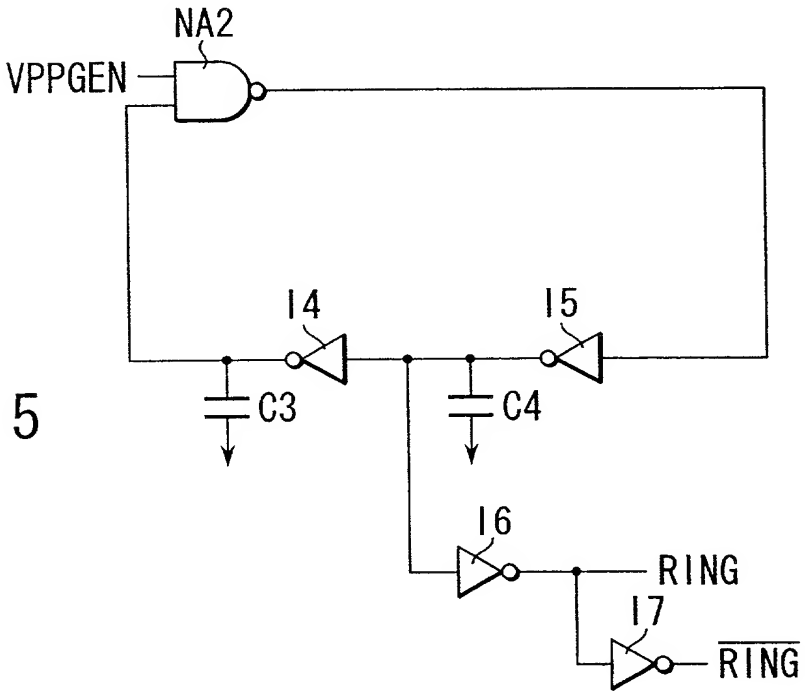
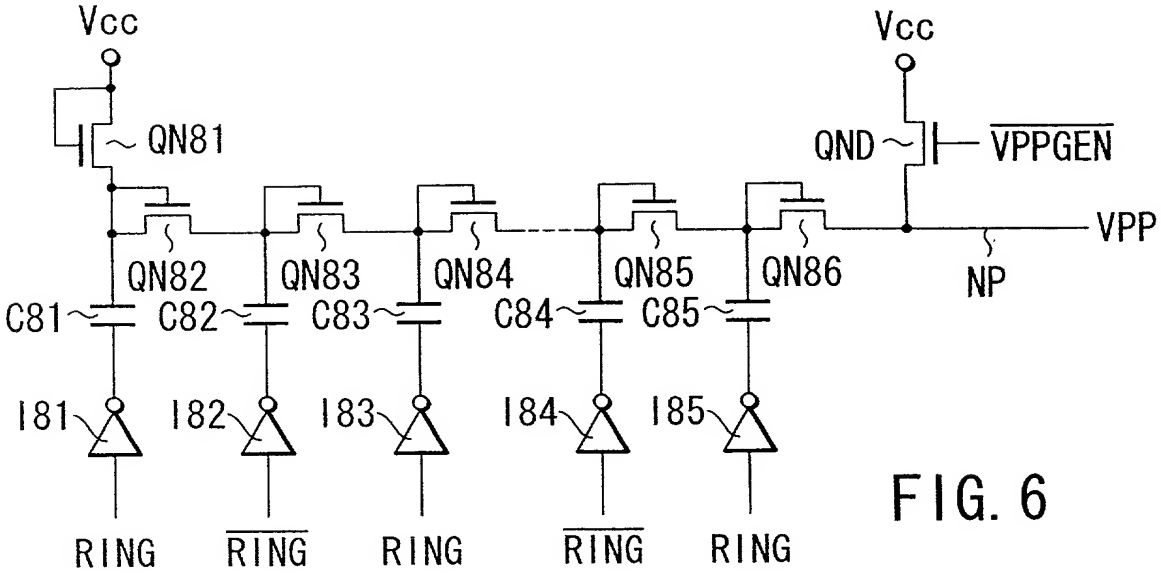


FIG. 6



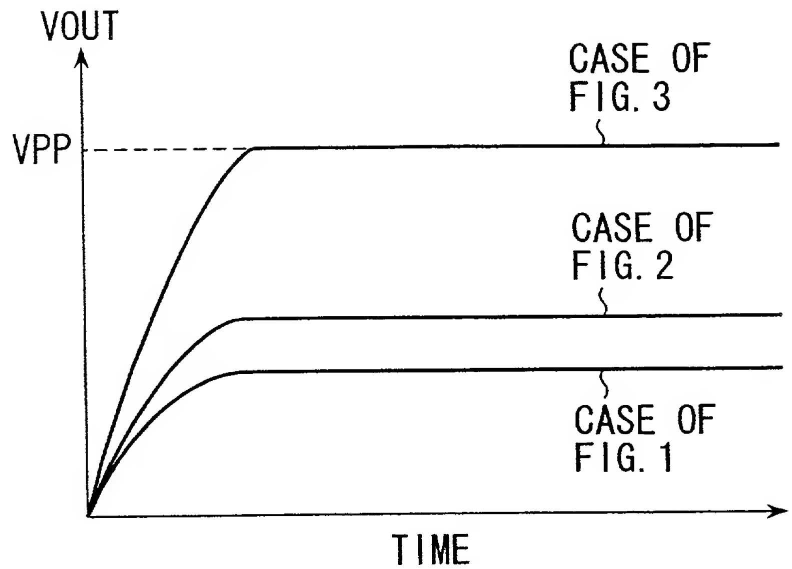


FIG. 7

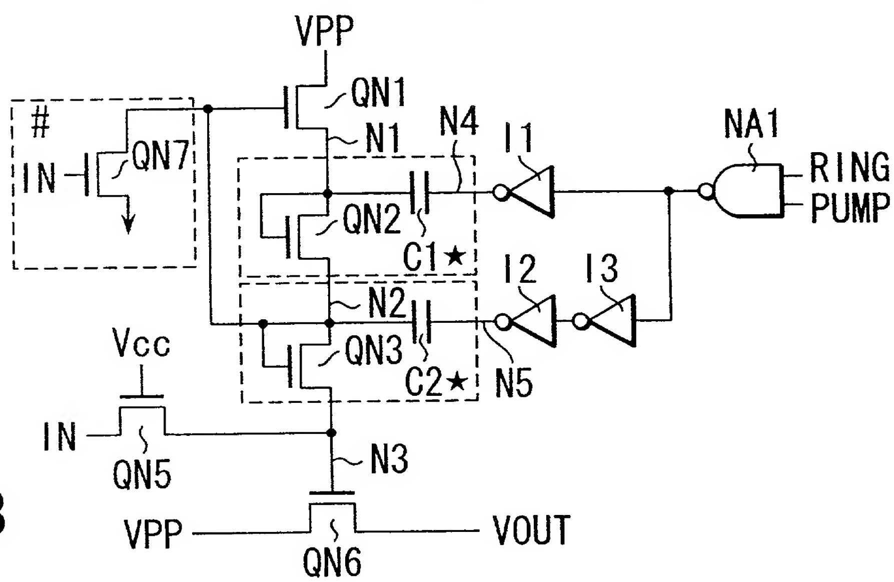


FIG. 8

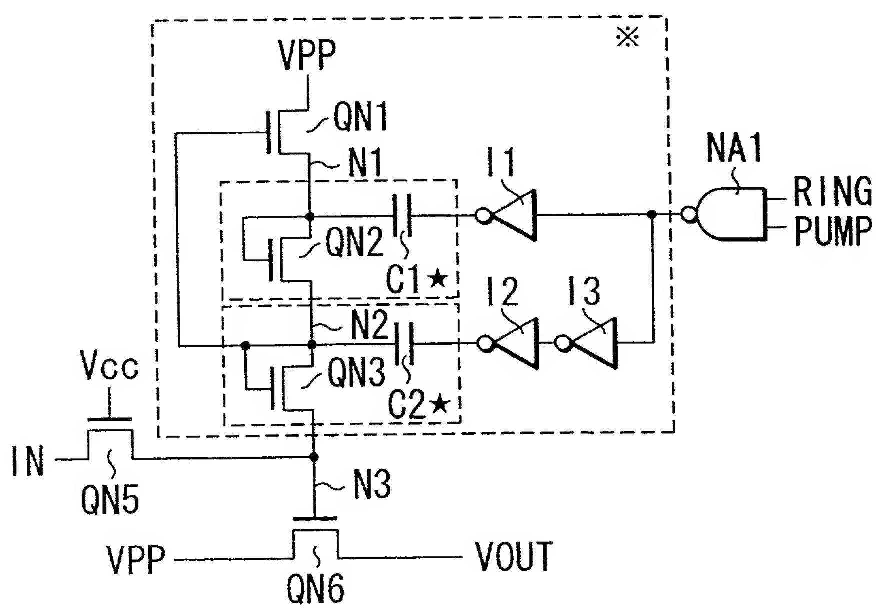


FIG. 9

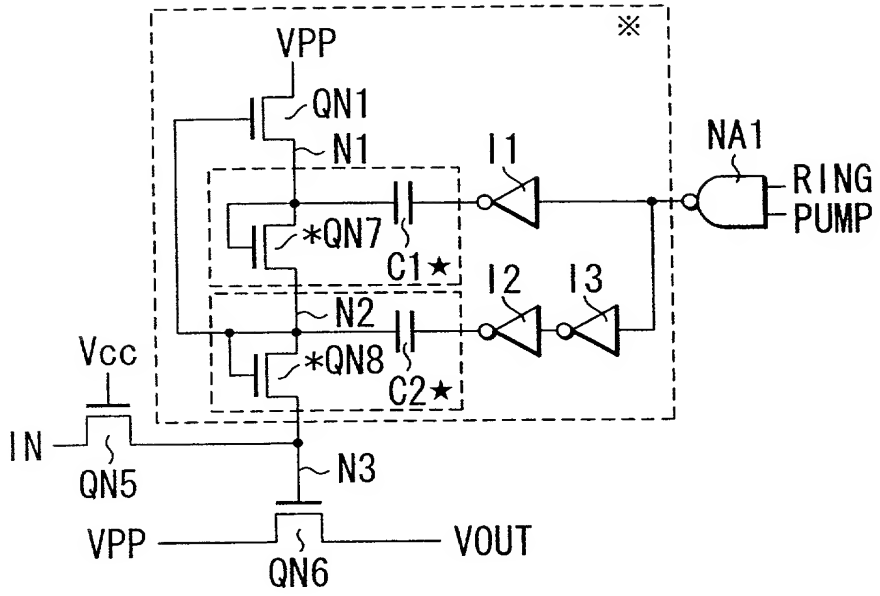


FIG. 10

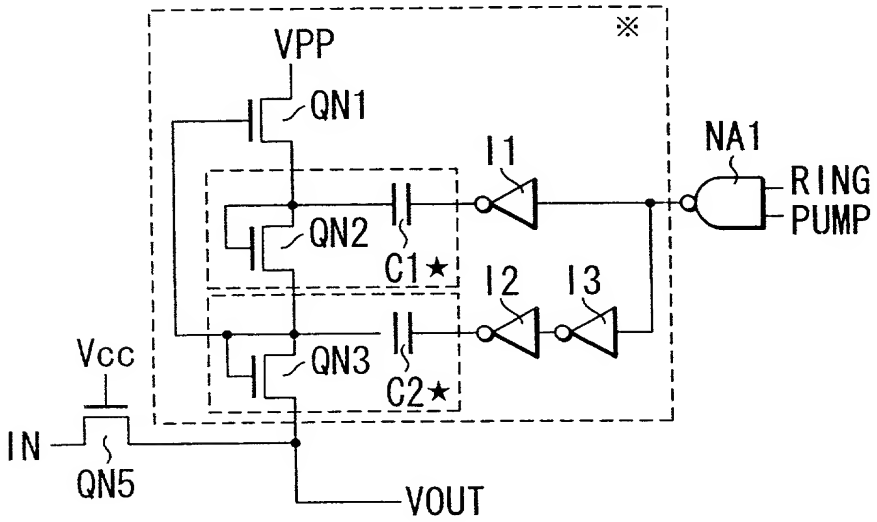


FIG. 11

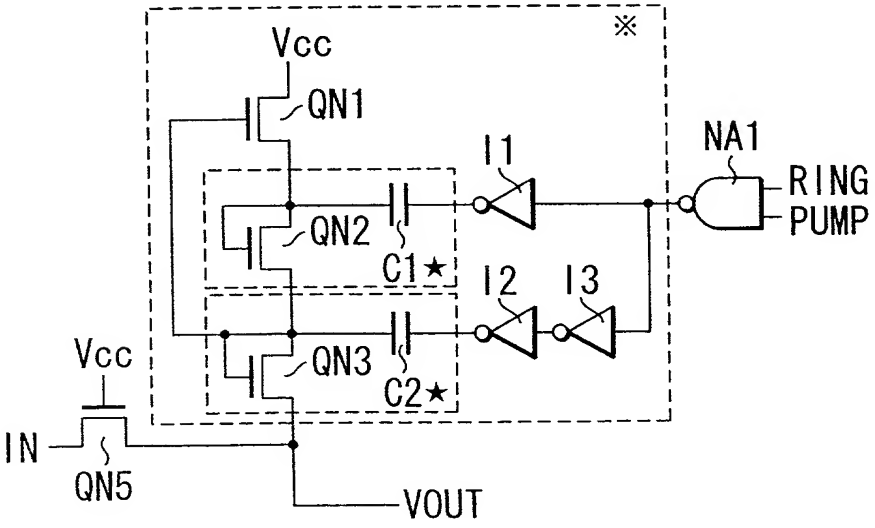


FIG. 12

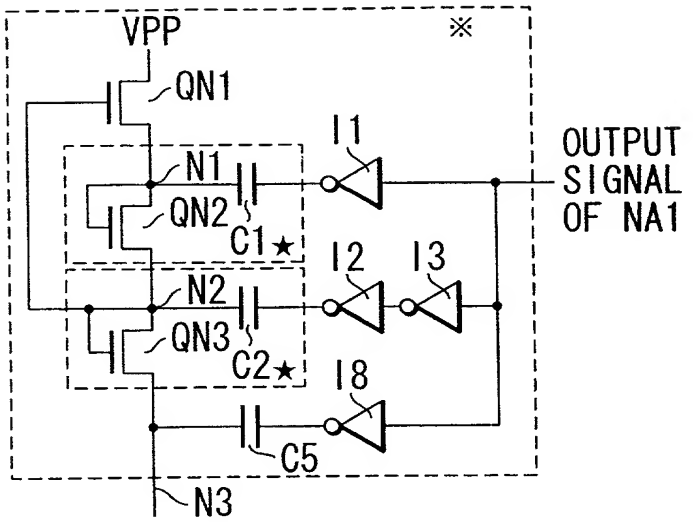


FIG. 13

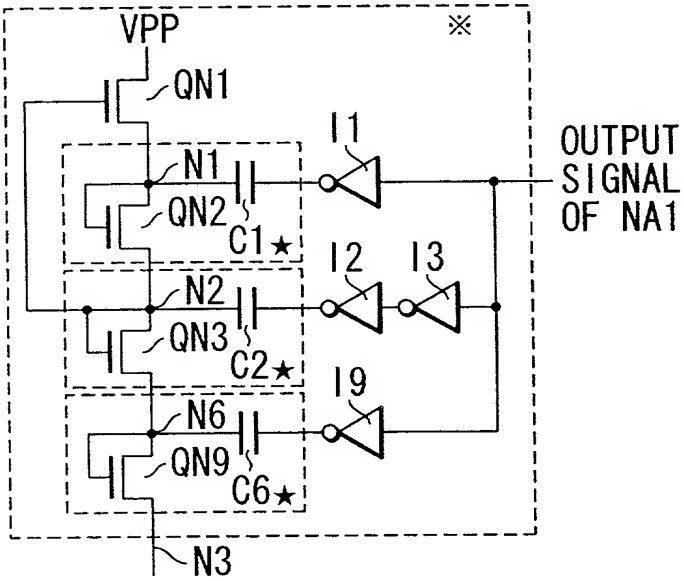


FIG. 14

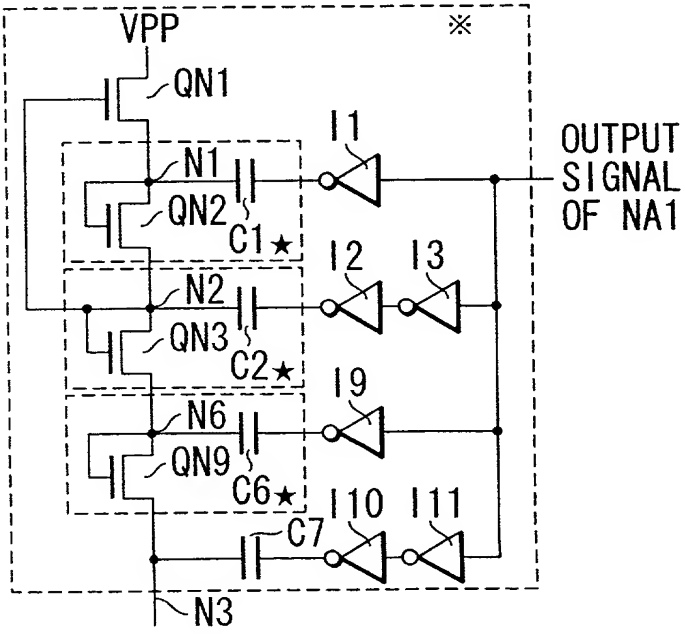
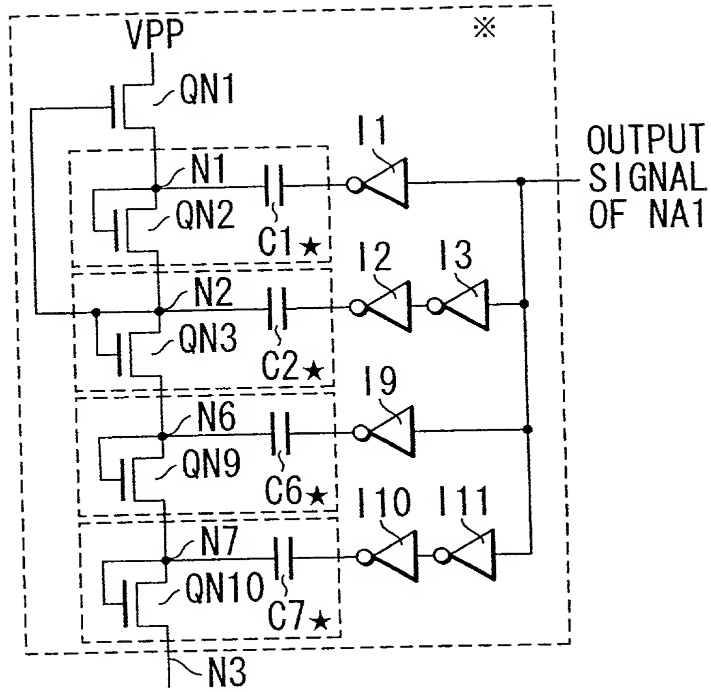


FIG. 15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N1
QN2
C1★
I1
OUTPUT
SIGNAL
OF NA1
I2
I3
N2
QN3
C2★
I9
N6
QN9
C6★
I10
I11
N7
QN10
C7★
N3

FIG. 16

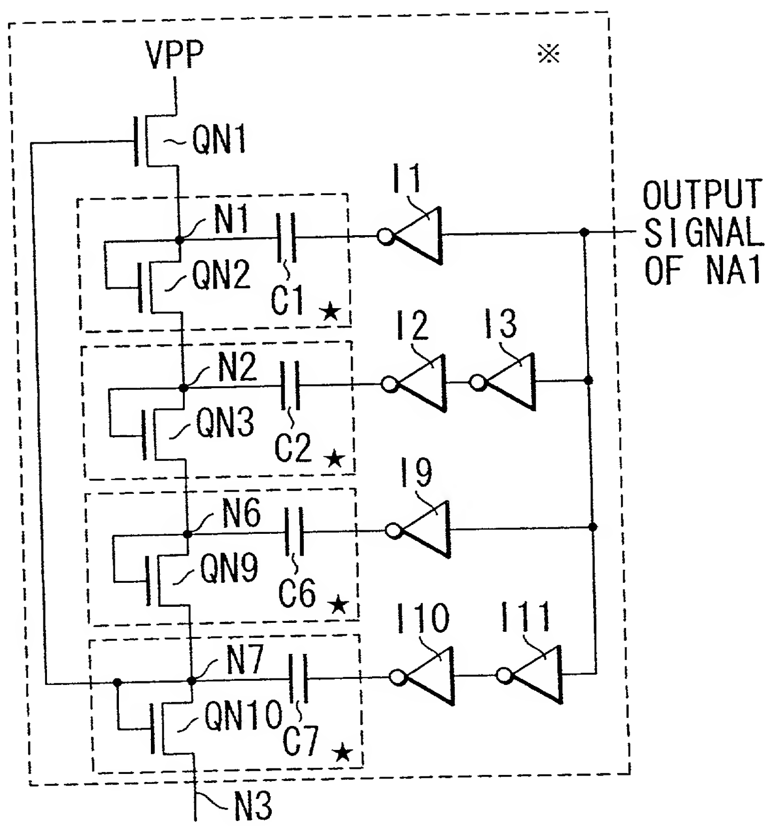

VPP
※
QN1
N1
QN2
C1 ★
I1
OUTPUT
SIGNAL
OF NA1
I2
I3
N2
QN3
C2 ★
I9
N6
QN9
C6 ★
I10
I11
N7
QN10
C7 ★
N3

FIG. 17

FIG. 18

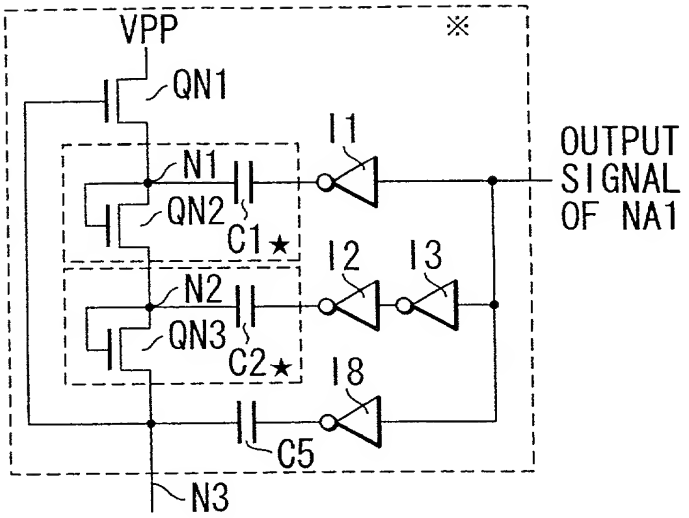


FIG. 19

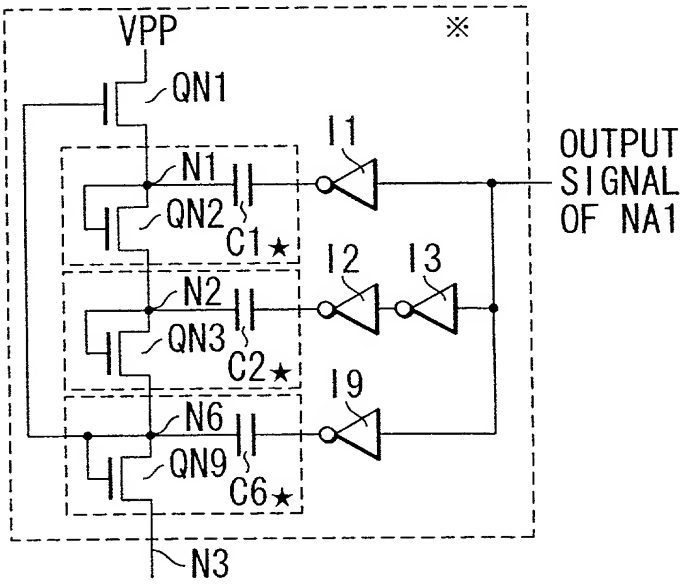
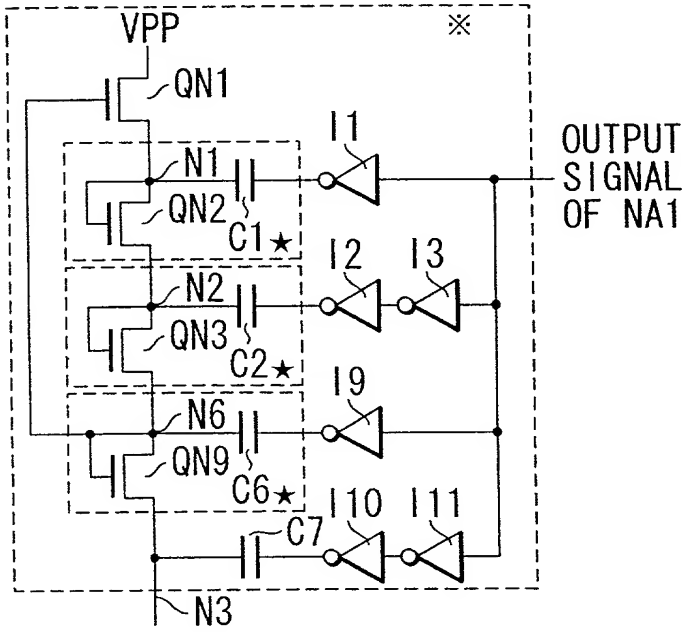


FIG. 20



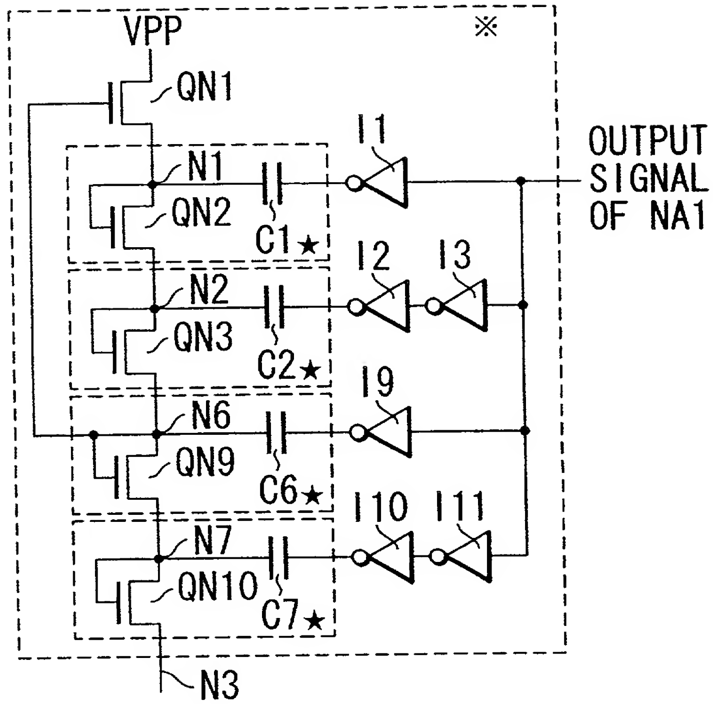


FIG. 21

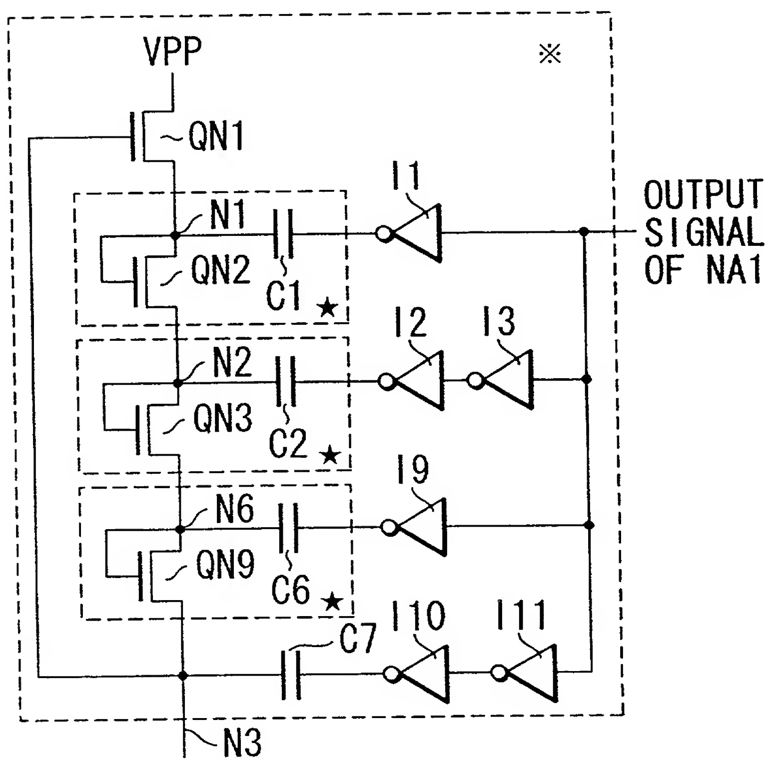


FIG. 22

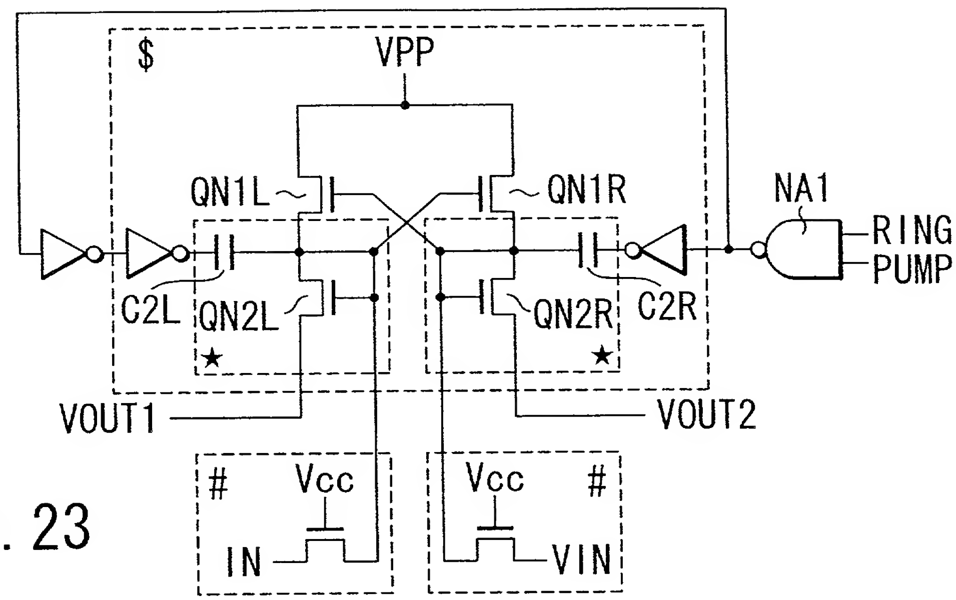


FIG. 23

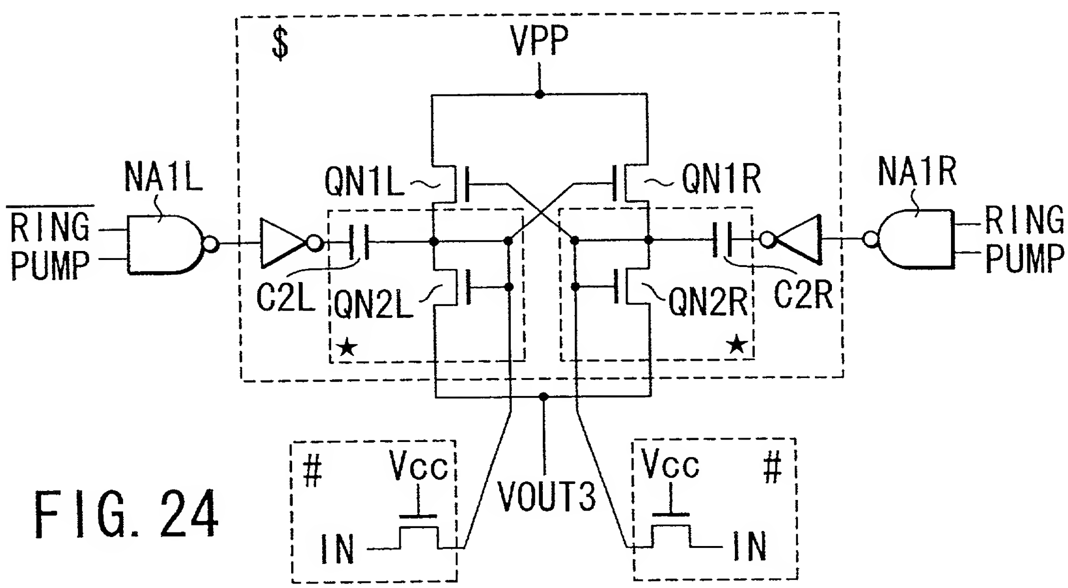


FIG. 24

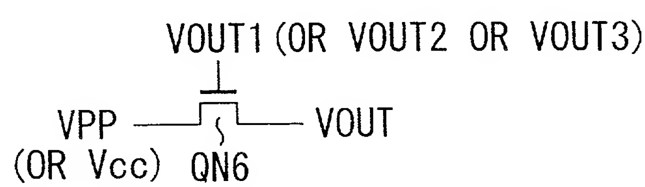


FIG. 25

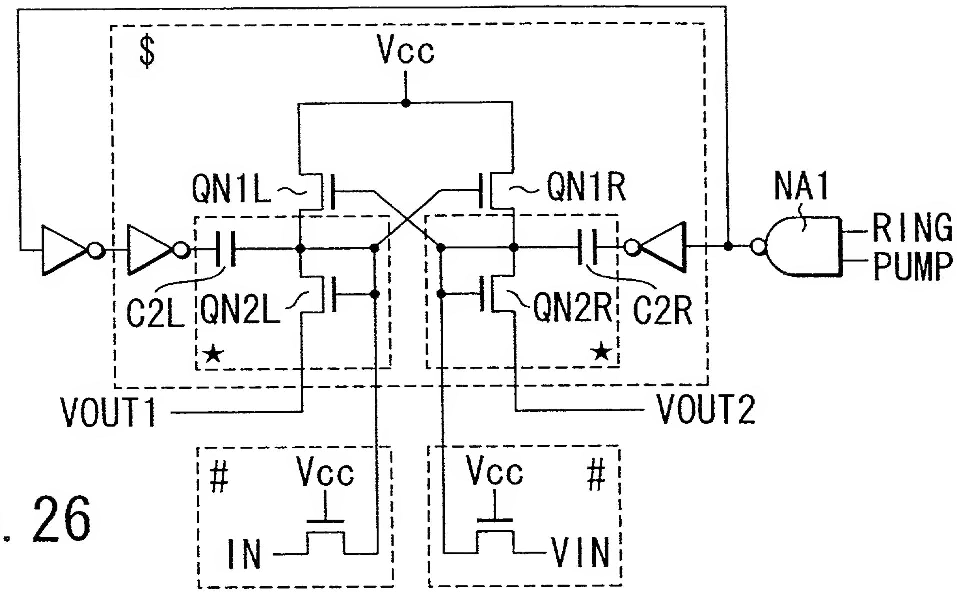


FIG. 26

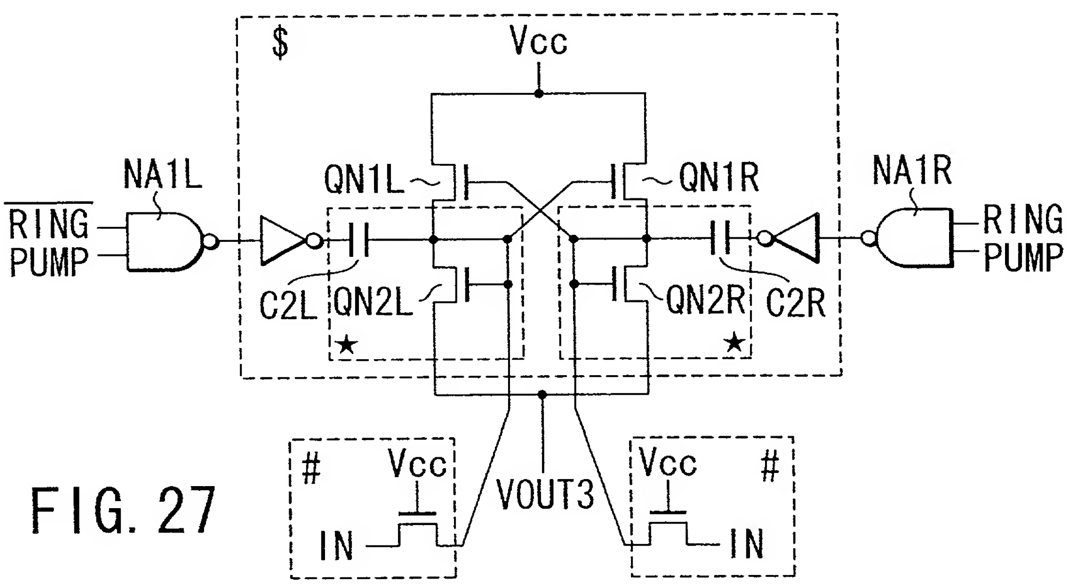


FIG. 27

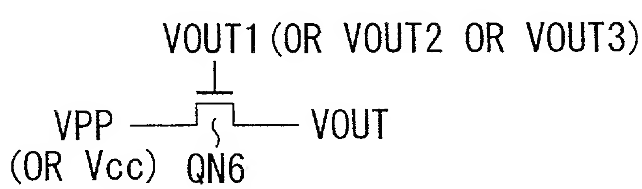


FIG. 28

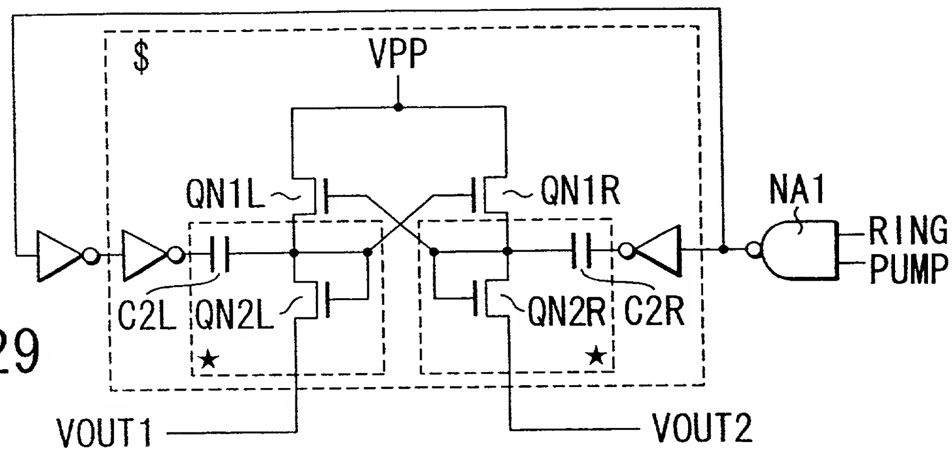


FIG. 29

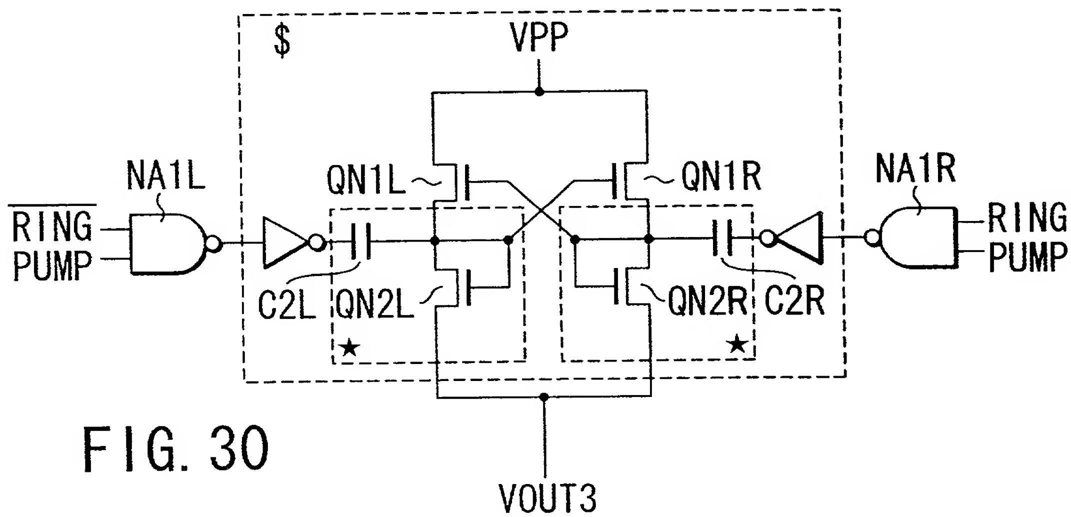


FIG. 30

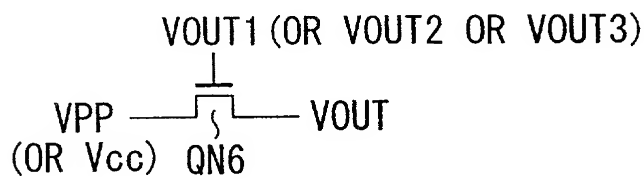


FIG. 31

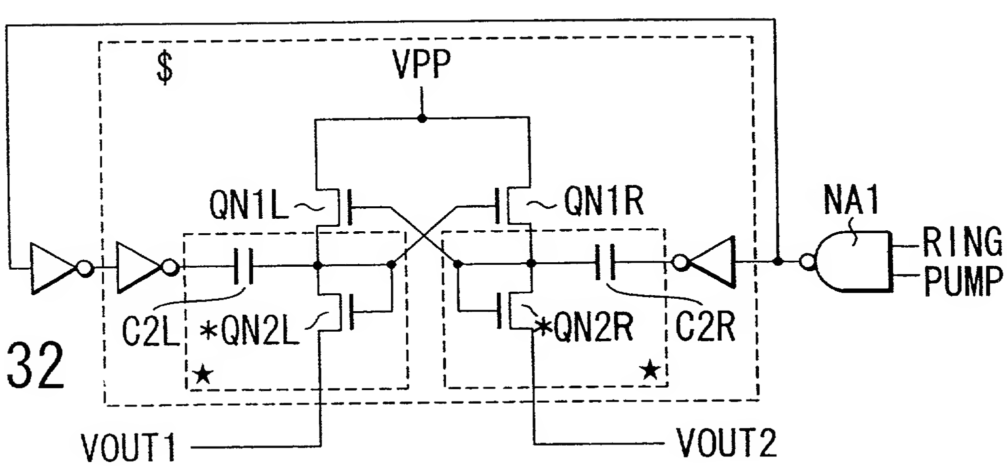


FIG. 32

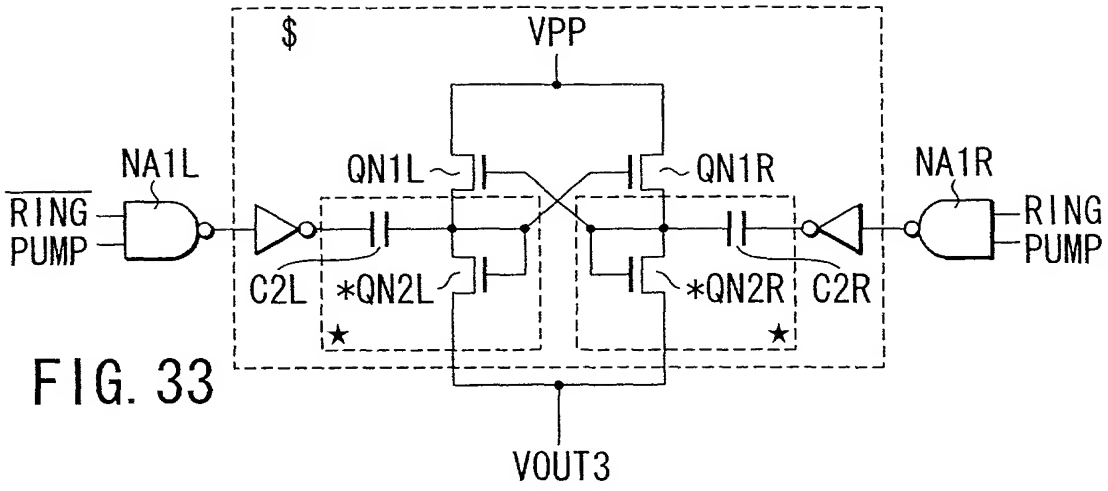


FIG. 33

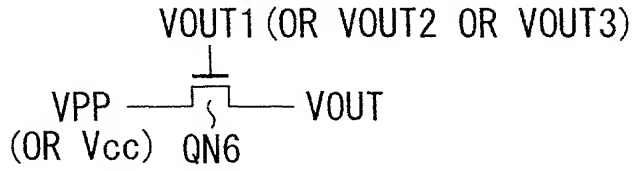


FIG. 34

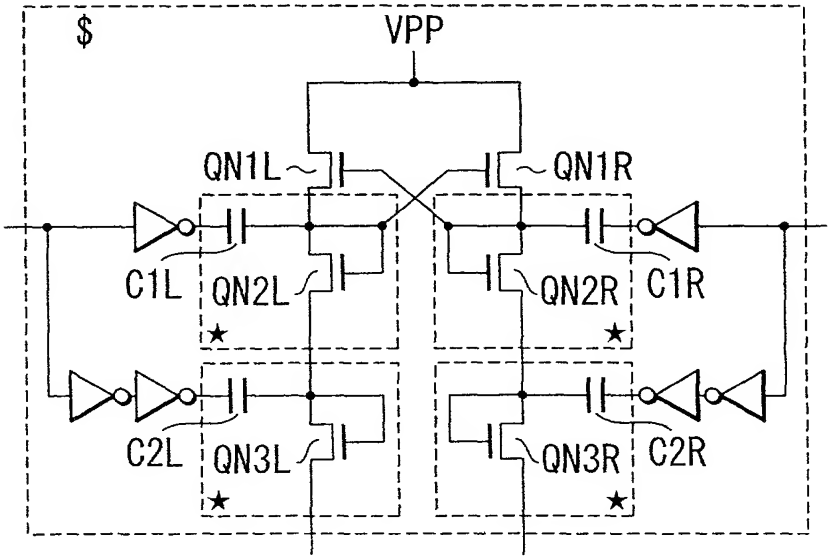


FIG. 35

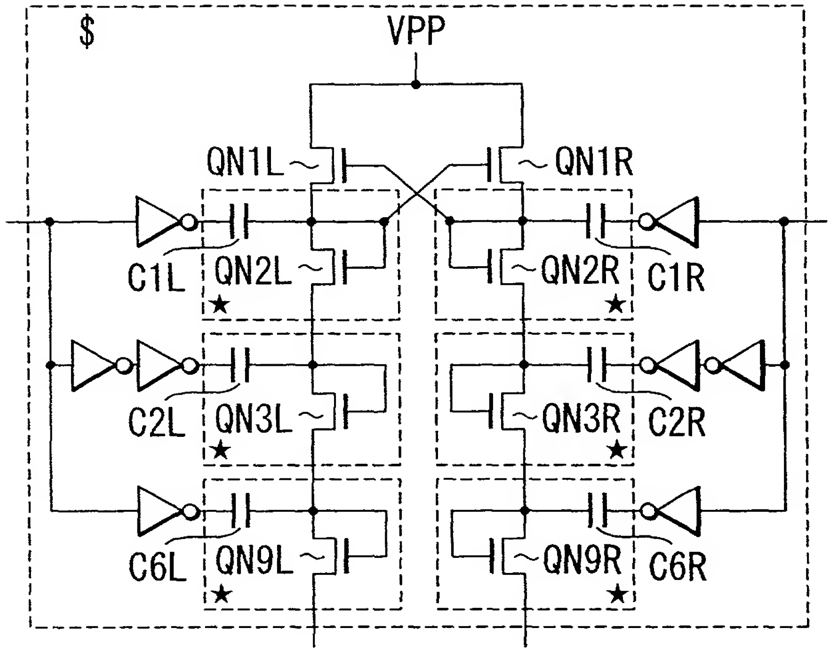


FIG. 36

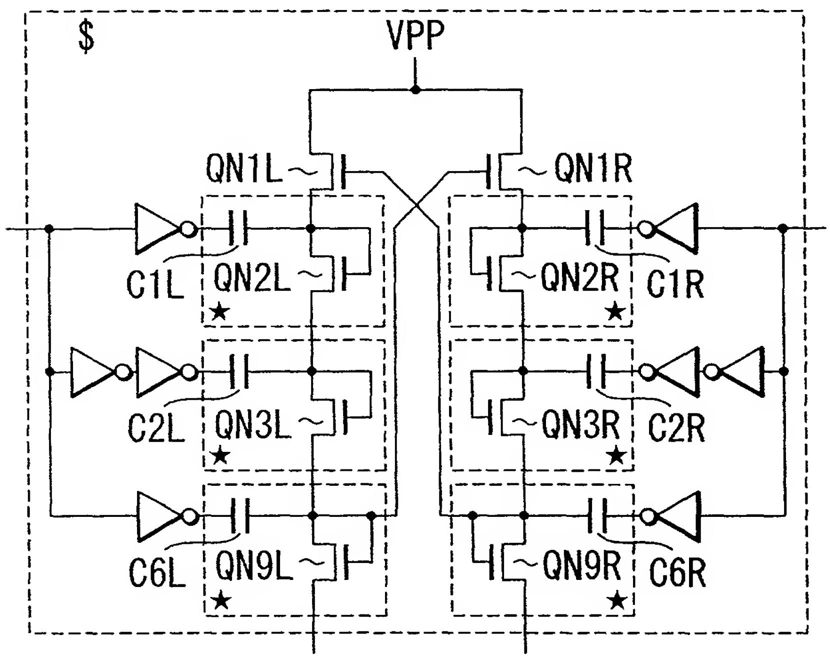


FIG. 37

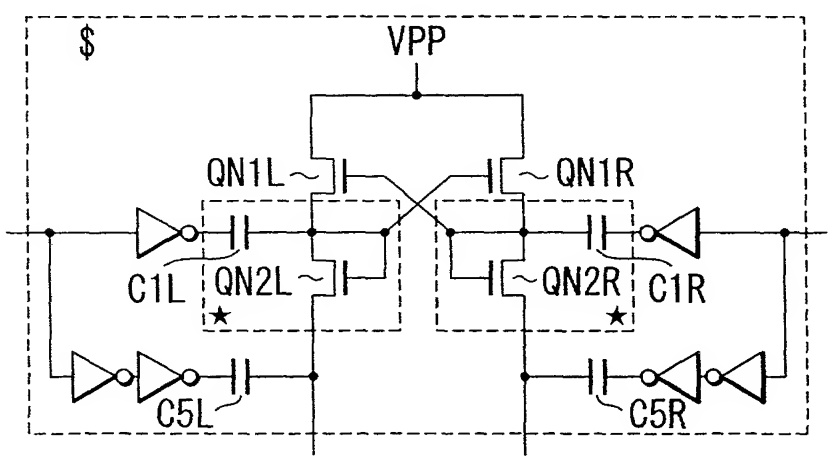


FIG. 38

FIG. 39

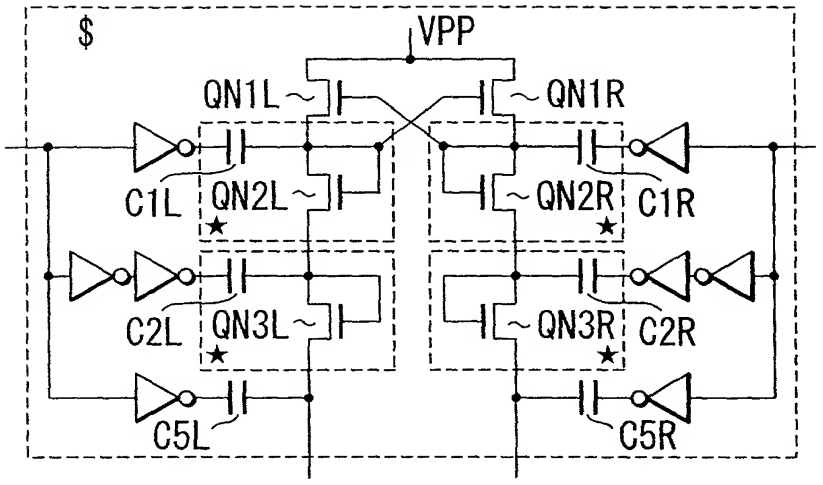


FIG. 40

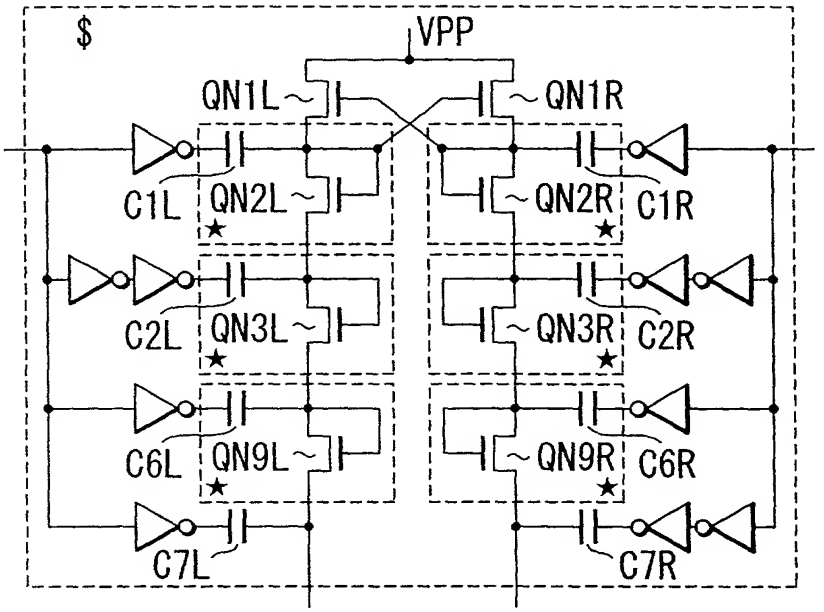
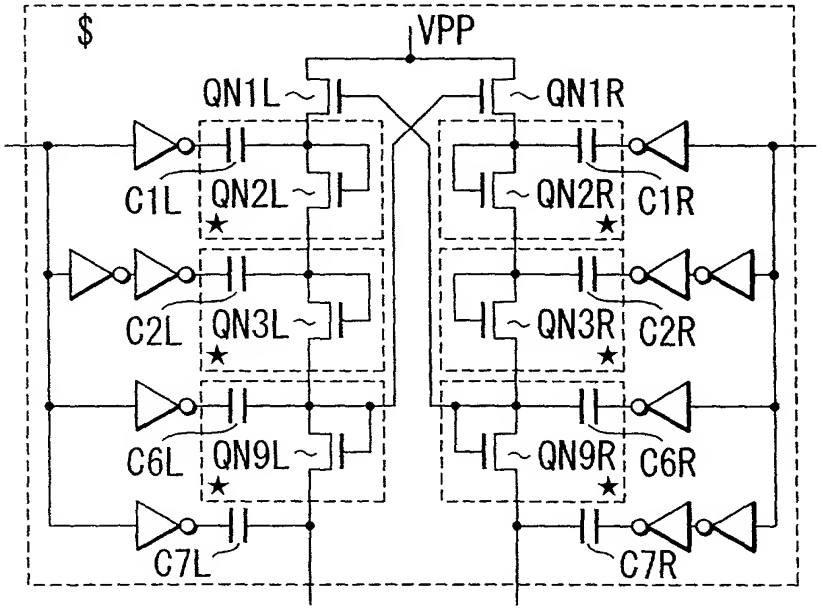


FIG. 41



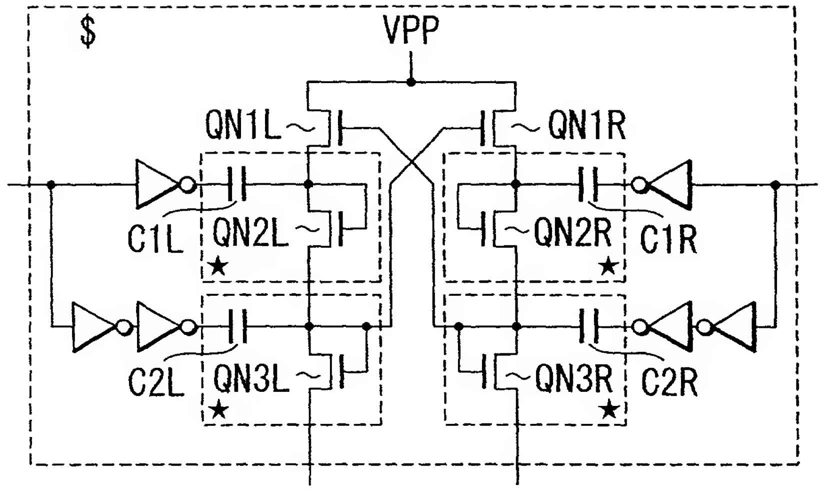


FIG. 42

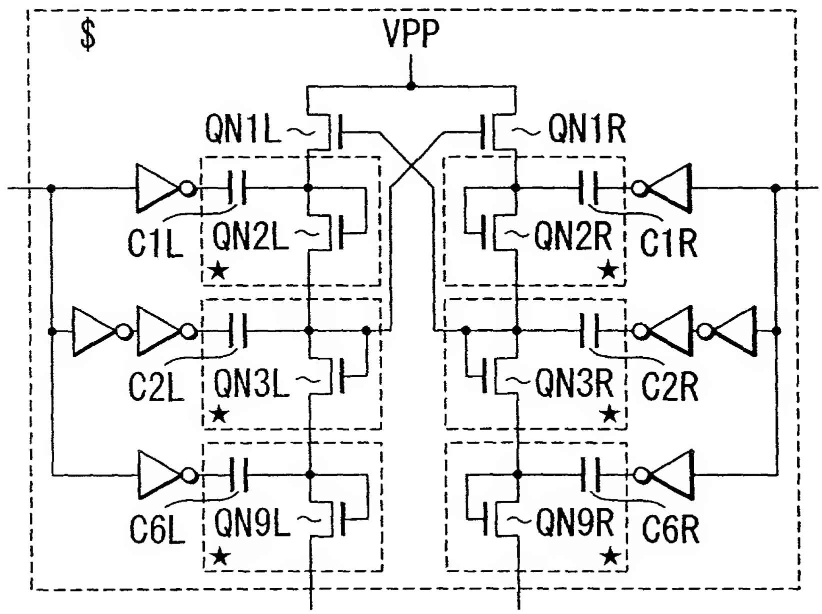


FIG. 43

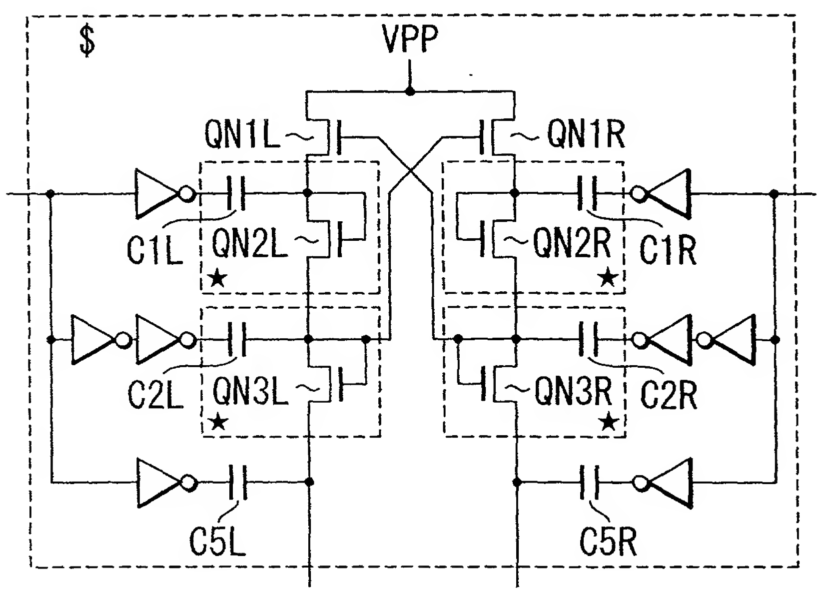


FIG. 44

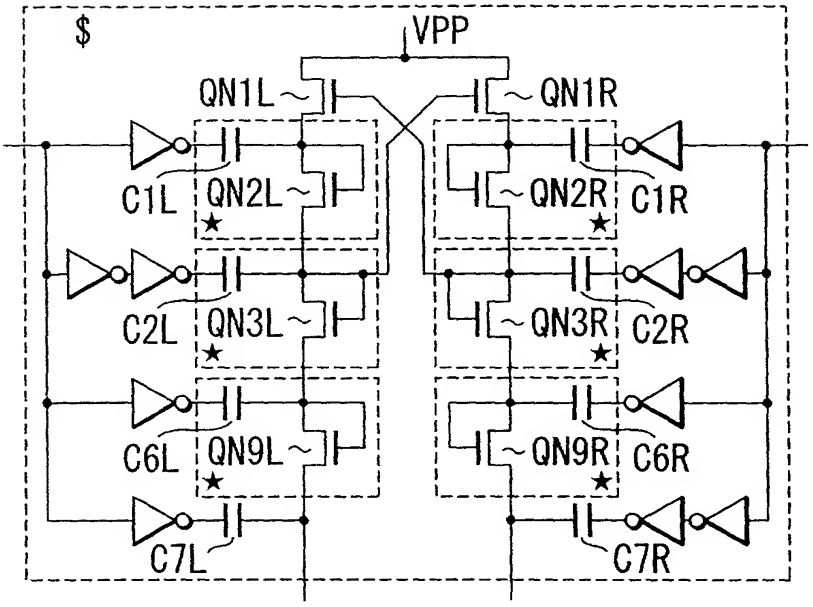


FIG. 45

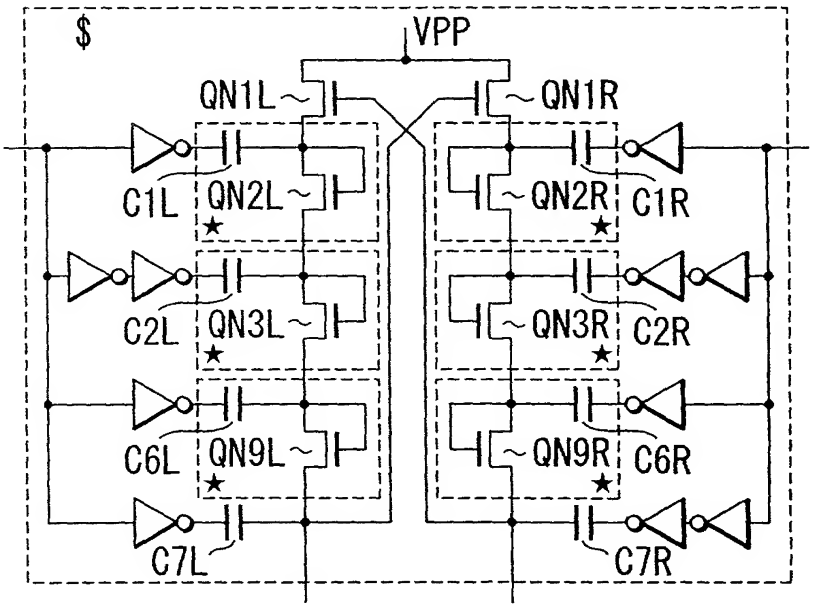


FIG. 46

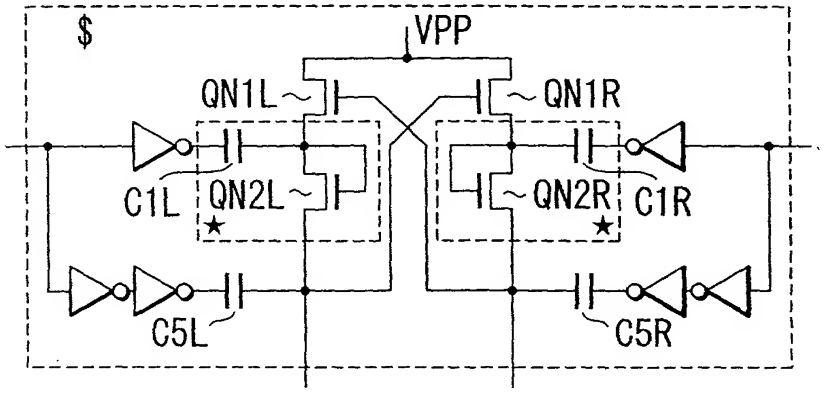


FIG. 47

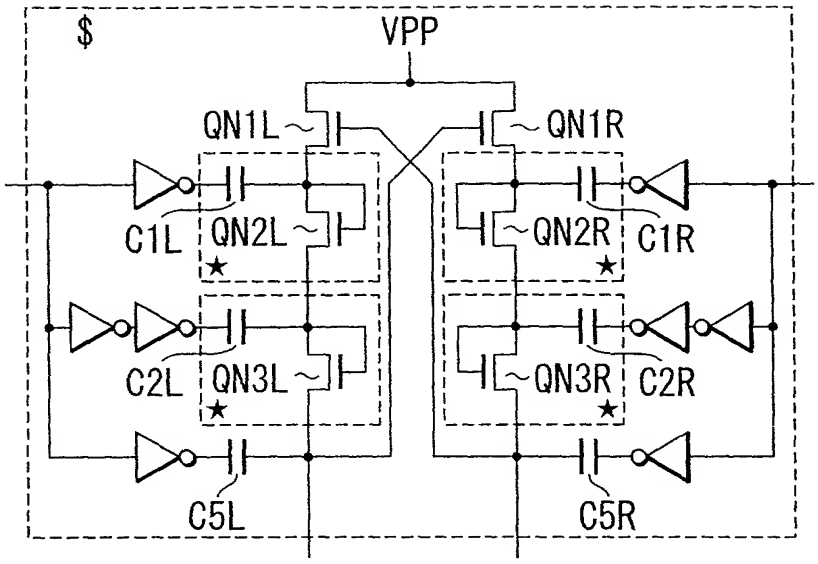


FIG. 48

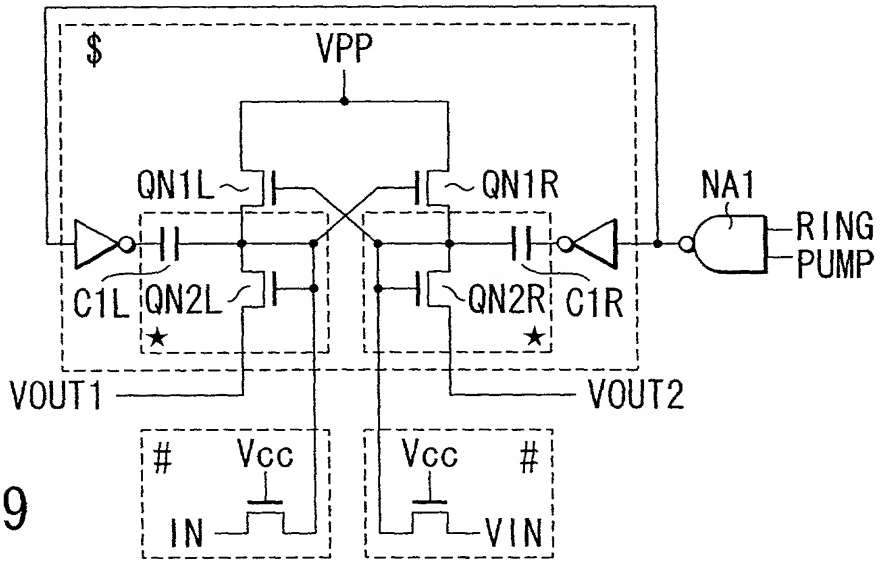


FIG. 49

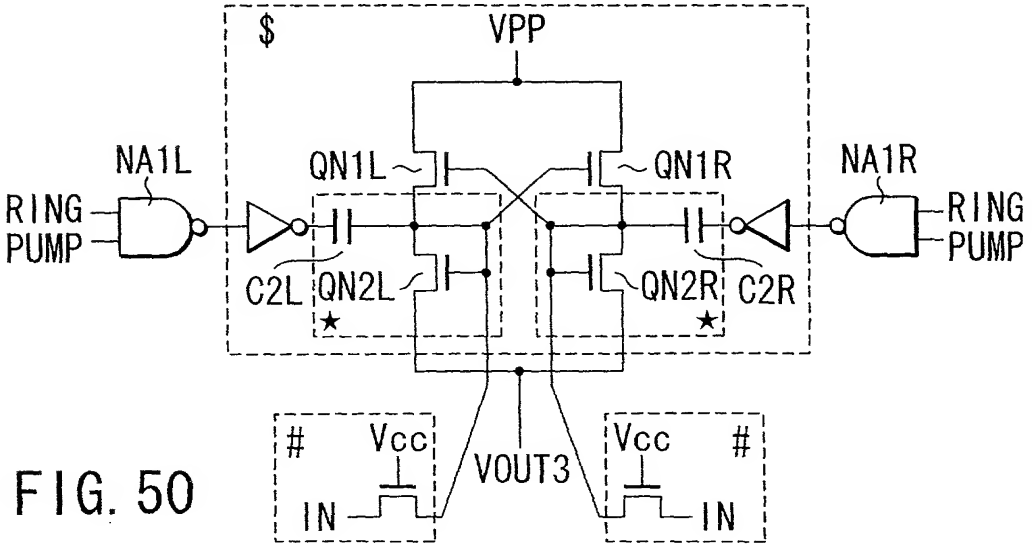


FIG. 50

FIG. 51

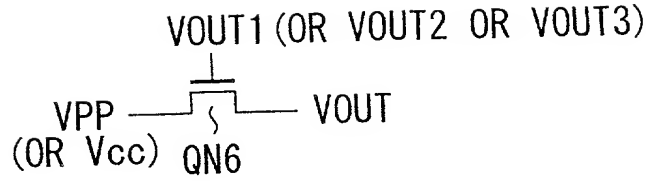


FIG. 52

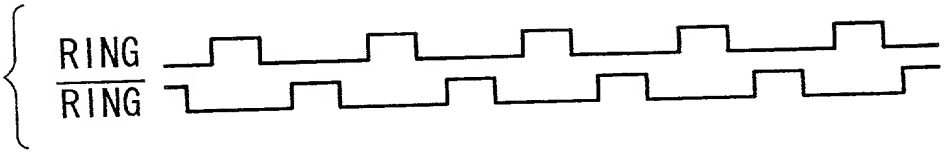
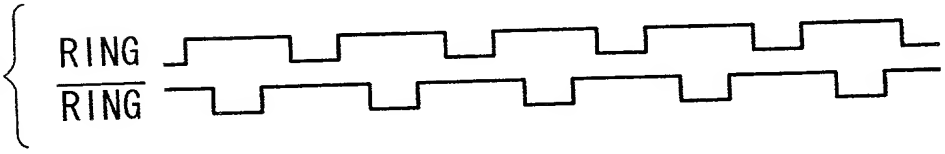


FIG. 53



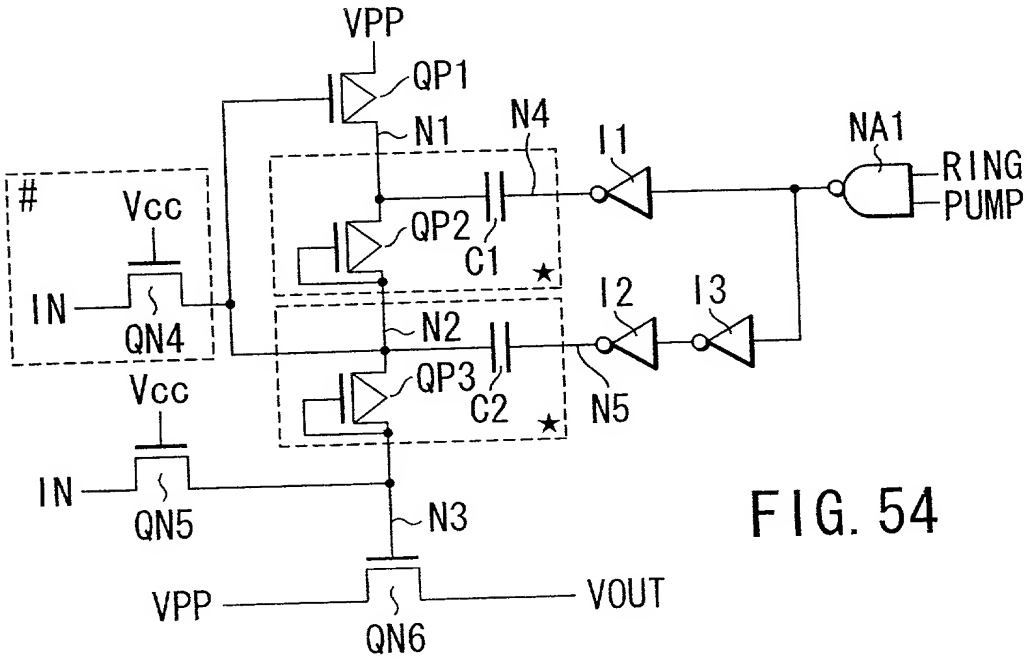
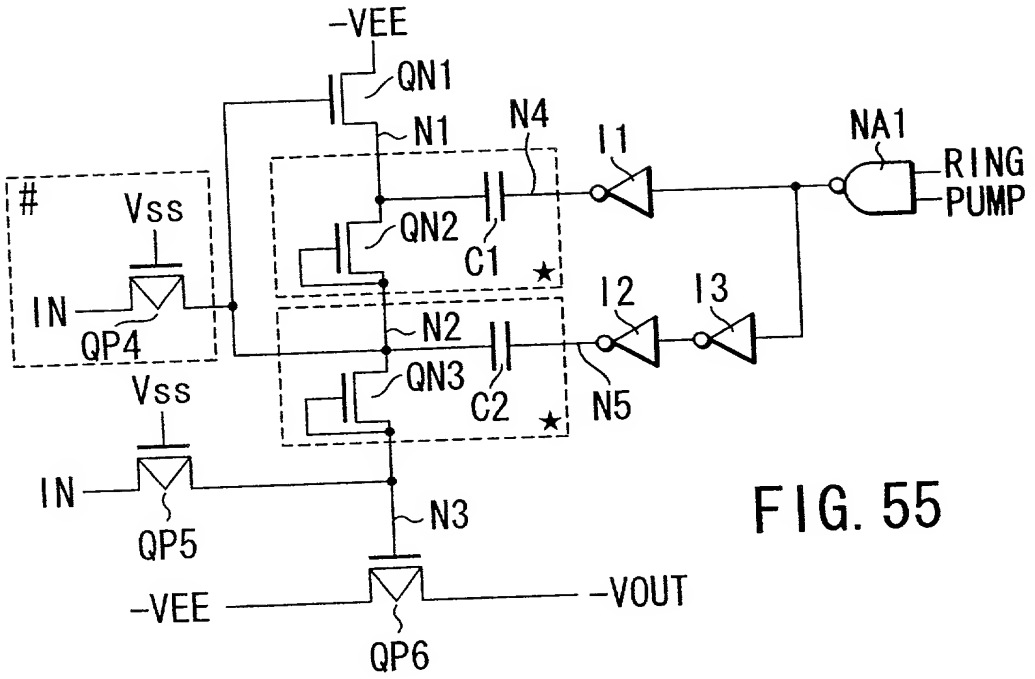


FIG. 54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N4
I1
NA1
RING
PUMP
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Vss
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QP4
QN2
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I3
N2
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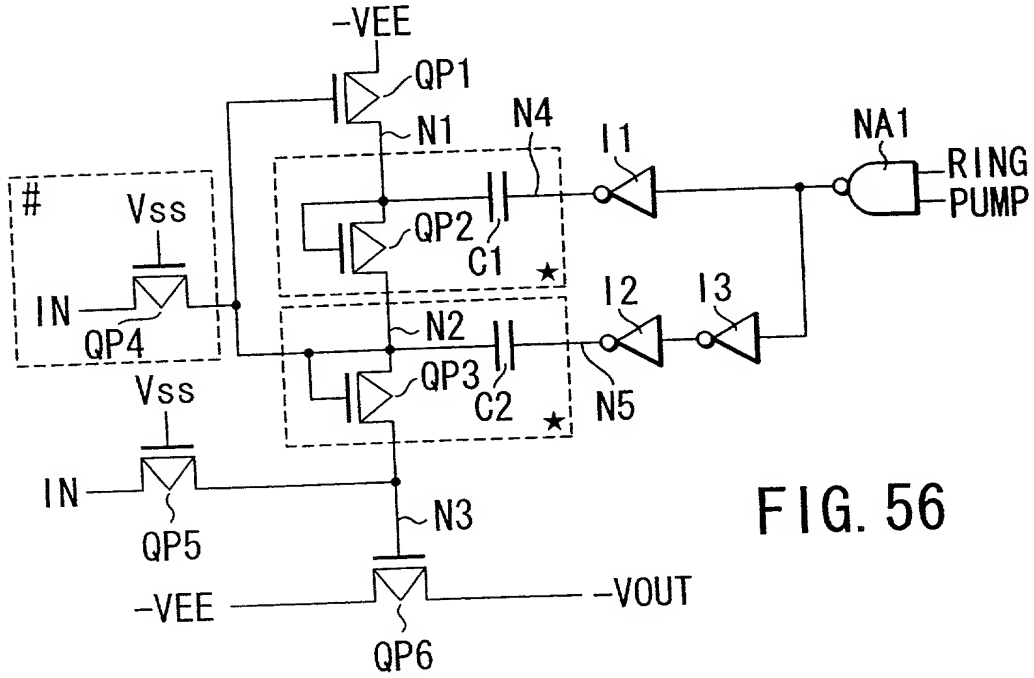
C2
N5
Vss
IN
QP5
N3
-VEE
-VOUT
QP6

FIG. 55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QP2
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I3
N2
QP3
C2
N5
Vss
IN
QP5
N3
-VEE
-VOUT
QP6

FIG. 56